

Amendments to the Specification

Change paragraph 0014, as follows:

[0014] In order to solve the above-stated problems, according to the present invention, in a liquid chromatograph mass spectrometer, components in a sample are separated in a liquid chromatograph portion with time, i.e. along a passage of time. Then, the sample is introduced into a mass ~~spectrometry~~ spectrum acquisition portion and a fraction collector, so that each component is fractionated and collected in the fraction collector based on information obtained in the mass ~~spectrometry~~ spectrum acquisition portion. The liquid chromatograph mass spectrometer includes: a setting device for setting a plurality of spectrometry conditions for mass spectrometry in advance; a spectrometry execution device for executing a cycle of the spectrometry while changing the spectrometry conditions set by the setting device whenever a single mass scan is carried out, and for repeating the spectrometry sequentially; an operation device for obtaining chromatogram data by adding a number of mass spectrum intensities obtained by the single mass scan whenever the cycle of the spectrometry is completed and further adding the sums of the respective mass scans, or for obtaining the chromatogram data by adding the mass spectrum data with respect to a specific mass number obtained by the respective mass scans; and a fraction control device for controlling an operation of the fraction collector based on the chromatogram data obtained by the operation device.